Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 07 Aug 2021 until 23:59 on Sunday 08 Aug 2021

Forecast Issued on Friday 06 Aug 2021 at 15:09

Confidence: High for unsettled conditions dominating this weekend, with showers and some longer spells of rain, some heavy and thundery. A trend towards more settled conditions by Tuesday.

Headline for Saturday 07 Aug 2021: Showers, some turning heavy and thundery. Longer spells of rain possible with strong winds, mainly across summits.

Mountain weather hazards on Saturday 07 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
High Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Heavy rain showers	Heavy rain showers	Thundery showers	Thundery showers	Light rain
Precipitation probability							
50%	50%	50%	70%	70%	90%	80%	50%

Forecast for Saturday 07 Aug 2021

Weather: Probably starting cloudy with rain and showers during early hours of Saturday morning with southerly winds. Showers turning heavy through Saturday morning with brief bright spells. Showers thundery with hail possible by the afternoon. Further heavy showers with thunder possible and some sunny spells for the afternoon. Showers probably continuing through the evening, with perhaps longer spells of rain.

Chance of cloud free mountain/hill tops above 600m: 50% becoming 90% by late morning but cloud bases lowering to 600m in more prolonged and heavier showers.

Visibility: Moderate for much of the day and becoming poor or very poor in heaviest showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 07 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/29 S	19/28 S	18/27 S	14/22 S	13/19 S	10/17 SW	12/19 SW	10/17 SW	10/17 SW
300	12/25 S	12/26 S	12/25 S	11/20 S	9/18 SW	7/16 SW	9/17 SW	6/15 SW	8/16 SW
Valley	12/27 S	13/28 S	11/25 S	8/17 S	9/17 S	8/18 SW	8/17 SW	7/15 SW	7/15 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/6	10/6	10/8	12/10	12/11	12/10	11/10	11/9
300	12/10	12/9	12/9	12/10	14/13	15/14	14/13	13/12	13/12
Valley	14/12	13/11	13/11	14/13	16/15	16/15	15/14	14/14	14/14
Freezing Level*	2400m	2400m	2400m	2500m	2500m	2500m	2500m	2500m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong and gusty winds across summits, with quite chilly conditions in heavy showers. Hail and lightning likely to be a hazard. Note change in wind direction through the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 06 Aug 2021	16.2mm	29.8mm	29.8mm

Forecast for Sunday 08 Aug 2021

Weather: A showery start to Sunday with a few clear spells. Some of the showers will be occasionally heavy. On Sunday morning further showers are likely with a longer spell of rain and drizzle likely, perhaps heavy. Brightening for the afternoon with current indications for drier conditions and some sunny spells, along with further showers becoming less heavy. Mainly dry conditions with a chance of a few showers for the evening with lighter winds.

Maximum wind: Westerly or southwesterly 20-25mph with gusts around 40mph.

Chance of cloud free mountain/hill tops above 600m: 10-30% for much of the morning becoming 90% by the afternoon as brighter weather develops.

Visibility: Moderate or poor for much of the morning, becoming good at times in the afternoon, perhaps very good by Sunday evening.

Temperature: **Valleys:** Plus 10 degrees Celsius becoming Plus 19 degrees Celsius.
At 600m: Plus 9 degrees Celsius becoming Plus 13 degrees Celsius.
Freezing level: Well above the summits.

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